

IPTV

Key regulatory issues in Spain

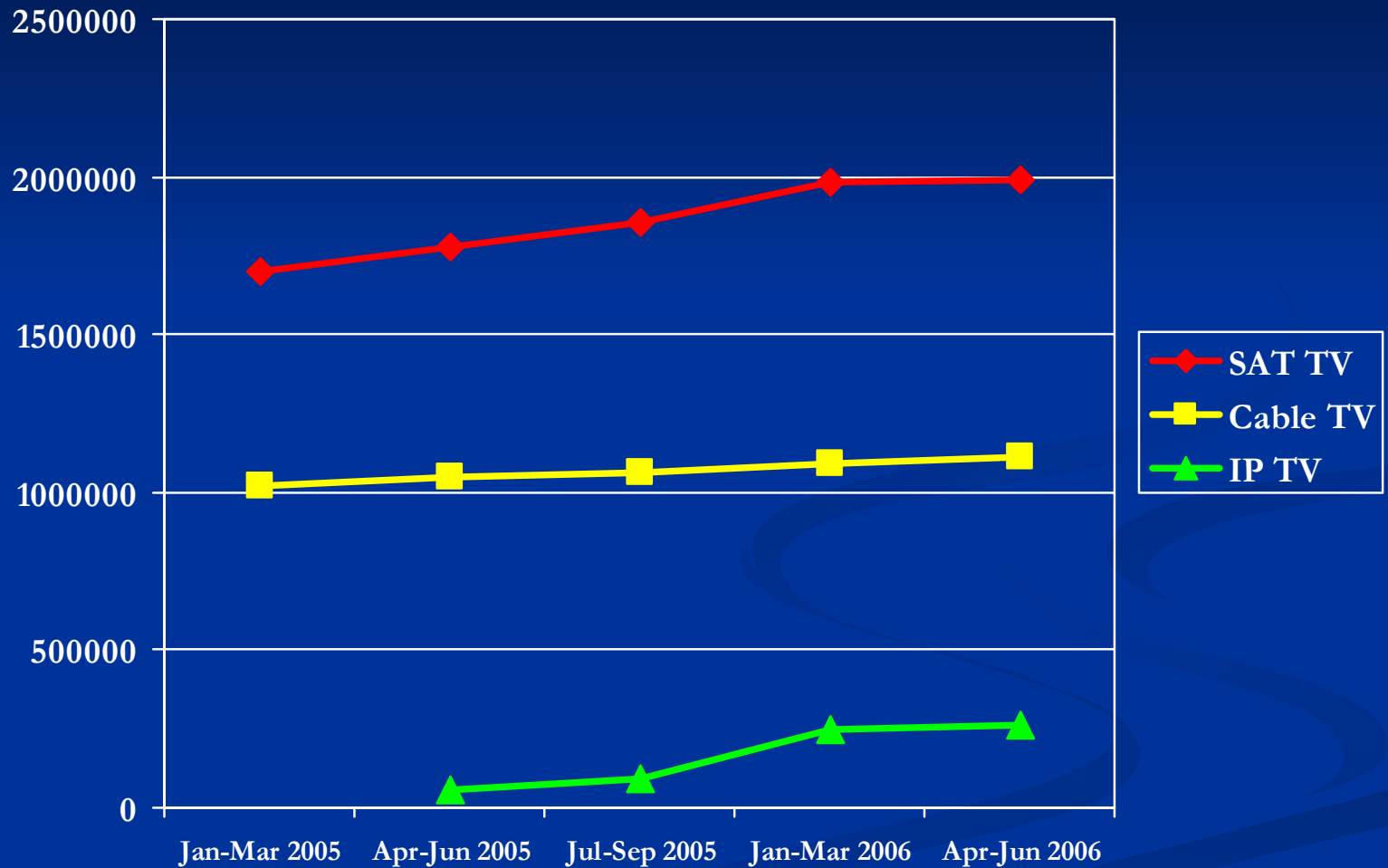
Javier Ayuso
CMT

18th January 2007
Cullen International Conference
Brussels, Belgium



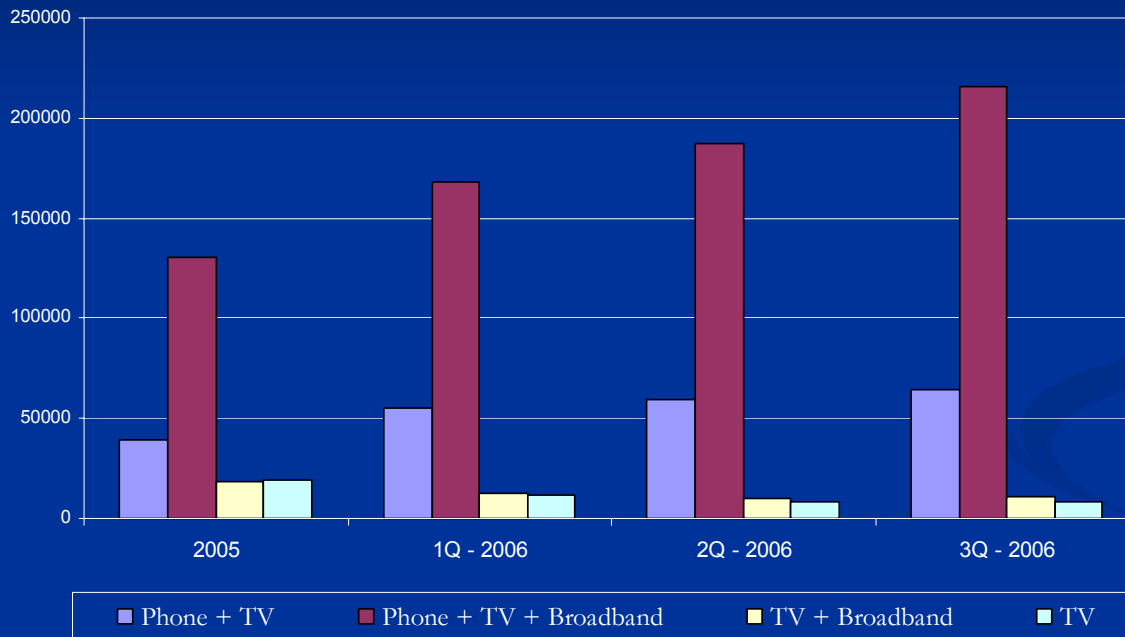
Comisión del Mercado de las Telecomunicaciones

IPTV Penetration



IPTV Spanish Market

IMAGENIO (TELEFÓNICA)



- ★ TELEFÓNICA 
- ★ JAZZTEL 
- ★ ORANGE 
- ★ YA.COM  
- ★ GRUPALIA 

Source: CMT-Data required to operators 2006

Broadcasting Services Regulation

- Specific Audiovisual Regulation (cable, TDT, Satellite)

Requirements for the provision of the service		
Digital Terrestrial	Broadcasting licence (administrative concession)	Number of licences limited due to spectrum restrictions
Cable	Notification	Service provision subject to a mere notification
Satellite	Notification	

IPTV Regulation

- IPTV has not the consideration of a broadcasting TV service, which has to fulfil:
 - editorial control by the broadcaster
 - one-to-many transmission and no user interactivity



Not subject to broadcasting Regulation

- IPTV is an electronic communications service, subject to the Regulatory Framework for electronic communications (General Telecommunications Act, Law 32/2003)

Replicability considerations in IPTV Services

Scenario 1: ULL

- Technically and regulatory feasible, but:
 - limitation in coverage
 - not economically profitable in certain areas (low interest in rural areas)
- Is economically feasible? (high investments are required)

Replicability considerations in IPTV Services

Scenario 2: Bitstream Access

- Either national (1 PoP) or regional (109 PoP)
- Technical barriers exist (technical unfeasibility):

Current implementation of the wholesale service implies that the TV streams would be replicated over the network up to an unacceptable level : huge network capacity required, and associated cost

Replicability considerations in IPTV Services

Conclusions:

- Should a new implementation of bitstream access be developed, in order to (try to) solve current technical difficulties?

Thank you!

Contact Point in CMT: *europa@cmt.es*



Comisión del Mercado de las Telecomunicaciones